| | Index | of | Claim | 3 |
|--|-------|----|-------|---|
|--|-------|----|-------|---|



Application/Control No.

10/506,953

Examiner

Khoa D. Huynh

Date

Applicant(s)/Patent under Reexamination

BOSWORTH SR. ET AL.

Art Unit

3751

| √ | Rejected |
|---|----------|
| = | Allowed |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

Claim

| N | Non-Elected |
|---|--------------|
| _ | Interference |

| Α | Appeal |
|---|----------|
| 0 | Objected |

| Cla | im | Date | | | | | | | _ | |
|-------------|--|--|----------|----------|----------|--------------|--|----------|----------|-----------------|
| Final | Original | 11/22/06 | | | | | | | | |
| | 1 | 1 1 1 1 | _ | | _ | _ | | | | |
| | 2 | 1 | | | | | | | | |
| | 3 | 1 | | | | | | | | |
| | 1 2 3 4 5 | 1 | | | | | | | | |
| | | | | | | | | | | |
| | 6 7 | 1 | | | | | | | | |
| | 7 | 1 | | | | | | | | |
| | 8 | 1 | | _ | | | L | | | Щ |
| | 9 | 1 | | | | | | | _ | |
| | 10 | 1 | <u> </u> | | _ | | | | _ | Щ |
| | 11 | 1 | <u> </u> | | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | |
| <u> </u> | 12 | 1 | | | | <u> </u> | | <u> </u> | | \square |
| | 13 | 1 | <u> </u> | - | - | | <u> </u> | _ | \vdash | |
| - | 11 12 13 14 15 16 17 | N | - | - | - | | \vdash | - | - | $\vdash\vdash$ |
| <u> </u> | 15 | √ V | | - | - | | ⊢ | - | - | Н |
| - | 17 | J | \vdash | - | | | \vdash | \vdash | \vdash | $\vdash \vdash$ |
| | 18 | J | | | | \vdash | \vdash | \vdash | \vdash | |
| | 19 | J | - | | | ┢ | - | \vdash | \vdash | |
| | 20 | 1 | - | | \vdash | \vdash | l · | | | Н |
| <u> </u> | 21 | Ì | | _ | \vdash | \vdash | \vdash | - | | \vdash |
| | 22 | J | - | | - | \vdash | | \vdash | | |
| | 23 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | - | \vdash | | \vdash | | | | Н |
| | 23 24 | 1 | _ | | \vdash | \vdash | _ | | | |
| | 25 | 1 | | | | Г | _ | Π | | П |
| | 26 | 1 | | | | T | | | | |
| | 26 27 | 1 | | | | | | | | |
| | 28 29 30 | 1 | | | | | | | | |
| | 29 | | | | | | | _ | <u></u> | Ш |
| | 30 | N | | <u> </u> | | ļ | _ | <u> </u> | _ | Ш |
| | 31 32 | - | _ | | _ | _ | _ | | _ | Ш |
| | 32 | | L | ┝ | | ┡ | | _ | <u> </u> | Ш |
| <u> </u> | 33 | - | ⊢ | <u> </u> | <u> </u> | \vdash | | ├— | ⊢ | Н |
| - | 34 35 | ╁ | - | - | - | - | \vdash | \vdash | | |
| | 36 | | ├- | ┢ | \vdash | \vdash | ⊢ | | - | |
| | 37 | +- | ┢ | \vdash | \vdash | + | ├ | \vdash | \vdash | Н |
| | 38 | - | | \vdash | \vdash | \vdash | | 1 | _ | \vdash |
| | 39 | | | | \vdash | | 1 | \vdash | \vdash | |
| | 40 | | | 1 | | | | | | |
| | 41 | | | | | Г | | | | |
| | 42 | L | | | | | | | | |
| | 43 | | | | | | | | | |
| | 44 | | | | | | \Box | | | |
| | 45 | | | | | | 匚 | | | Ĺ |
| | 46 | _ | | <u> </u> | | _ | | | | $oxed{oxed}$ |
| <u> </u> | 47 | _ | | <u> </u> | <u> </u> | <u> </u> | _ | _ | <u>L</u> | |
| | 48 | 1_ | <u> </u> | ــــــ | _ | _ | \vdash | \vdash | _ | |
| <u></u> | 49 | 1 | <u> </u> | ļ | ļ | | <u> </u> | \vdash | <u> </u> | _ |
| | 50 | <u>L</u> | L_ | <u> </u> | | <u></u> | L | L | | |

| | | _ | | , | | | _ | _ | | $\boldsymbol{\neg}$ |
|----------|----------|--------------|----------|--|------------|----------|--------------|--------------|----------|---------------------|
| Final | Original | | | | | | | | | |
| | 51 | | | | | _ | | | | |
| | 52 | | | | | | | | | \equiv |
| | 53 | | | | _ | | | _ | | |
| | 54 | \vdash | | - | | | | _ | | \Box |
| | 55 | | \vdash | \vdash | | | | | | |
| - | 56 | | | \vdash | | - | | | | Н |
| | 57 | - | | \vdash | | | | Ė | \vdash | Н |
| | 58 | | | - | - | | | Н | | \vdash |
| | 59 | | | | _ | | | | | \Box |
| | 60 | _ | \vdash | | - | | | | | |
| | 61 | - | | \vdash | | _ | | | | |
| | 61 62 | \vdash | \vdash | ┢ | | l | | Г | | |
| | 63 | | _ | - | | | | Г | | |
| | 64 | | | | Г | | | | | |
| | 64 65 | | | | | T | | | | |
| | 66 | | | | - | | | | | |
| | 67 | ļ | l | | | | | | | |
| | 68 | | | | | | | | | |
| | 69 | | | | | | | | | |
| | 70 | | | | | | | | | |
| | 71 | | | | | | | | | |
| | 72 | | | | | | | | | |
| | 72 73 | | | L | | | | | | |
| | 74 | | | L. | | | | | | |
| | 75 76 | _ | _ | | | | | | | |
| | 76 | _ | _ | _ | Ŀ | | | | | _ |
| <u> </u> | 77 | ļ | _ | _ | <u> </u> | | L | | _ | |
| <u> </u> | 78 79 | ļ | | <u> </u> | <u> </u> | <u> </u> | | | | - |
| ļ | 79 | | _ | <u> </u> | - | - | | | _ | |
| | 80 81 | - | ├— | | ⊢ | ⊢ | <u> </u> | ⊢ | ⊢ | - |
| | 82 | - | | ⊢ | | | - | ⊢ | ⊢ | |
| | 83 | \vdash | | ┢ | | - | - | ⊢ | ┝ | |
| | 84 | | | - | - | - | \vdash | ⊢ | ⊢ | - |
| | 85 | | - | \vdash | \vdash | \vdash | - | \vdash | \vdash | |
| - | 86 | | \vdash | \vdash | \vdash | - | - | | | |
| - | 87 | \vdash | \vdash | 1 | _ | \vdash | \vdash | ┝ | \vdash | ! |
| | 88 | | Г | | \vdash | T | | T | | |
| | 89 | \vdash | Т | | \vdash | T | Г | | П | |
| | 90 | Т | \vdash | | | | | | | |
| | 91 | T | | | Г | | | | | |
| | 92 | | | | Π | | | | | |
| | 93 | | | | | | | | | |
| | 94 | | | L | | | | | | <u> </u> |
| | 95 | <u> </u> | | <u> </u> | ļ | <u> </u> | <u> </u> | $oxed{oxed}$ | _ | <u> </u> |
| | 96 | L | <u> </u> | <u> </u> | <u> </u> | <u> </u> | $oxed{oxed}$ | $oxed{oxed}$ | | _ |
| | 97 | _ | _ | ļ | <u> </u> _ | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> |
| | 98 | \vdash | - | <u> </u> | _ | <u> </u> | <u> </u> | ⊢ | <u> </u> | |
| - | 99 | _ | _ | | <u> </u> | <u> </u> | <u> </u> | ļ | ļ | |
| L | 100 | | <u> </u> | <u></u> | <u></u> | | <u>L</u> | <u> </u> | l | <u></u> |

| Cla | | | | | Date | • | | | | |
|--------------|--|----------|------------|--|----------|--|--------------|----------------|--------------|----------------|
| | | | | | | | | | | \neg |
| - | Original | | | | | | | | | |
| Final | ΞĐ | | | | | | | | | |
| ш | ŏ | | | | | | | | | |
| | | | | | | | | | | \square |
| | 101 | | | | | | | Ш | | |
| | 102 | | | | | | L | | | |
| | 101 102 103 104 105 106 | | | | | | | | | |
| | 104 | | | | | | | | | |
| | 105 | | | | | | | | | |
| | 106 | | | | _ | | | | | \Box |
| | 107 | | _ | | | | | \vdash | | \Box |
| | 108 | - | - | | \vdash | \vdash | - | - | | Н |
| | 108 109 110 | - | - | | \vdash | - | | ┝ | | Н |
| | 1100 | | - | \vdash | \vdash | - | | \vdash | | Н |
| | 110 | _ | | | | | | ┝ | | - |
| | 111 | - | | ├— | <u> </u> | <u> </u> | ├ | <u> </u> | | \vdash |
| | 112 | <u> </u> | - | <u> </u> | <u> </u> | <u> </u> | - | | _ | Н |
| | 113 | | _ | <u> </u> | | | | _ | \vdash | \square |
| ļ | 111 112 113 114 115 | _ | | | _ | L | | | | Ш |
| | 115 | | | | _ | _ | | | _ | |
| | 116 117 118 | | L | L | | | | | | \sqcup |
| | 117 | | | | | | | | | |
| | 118 | | | | | | | | | |
| | 119 | | | | | | | | | |
| | 120 | | | | | | | | | |
| | 121 | \vdash | | | _ | - | - | _ | | |
| | 122 | \vdash | | Н | ┢ | | | | _ | |
| | 123 | ┢ | - | H | \vdash | - | - | \vdash | \vdash | Н |
| | 124 | ┢ | \vdash | ├ | ├- | - | - | - | ┝ | \vdash |
| | 119 120 121 122 123 124 125 126 127 128 129 130 | ┢ | \vdash | ├ | | ⊢ | - | ╁ | | $\vdash\vdash$ |
| | 126 | | ⊢ | ┢ | | 1 | - | | \vdash | Н |
| - | 127 | | ⊢ | ├ | ╌ | ┢ | ⊢ | - | ├ | \vdash |
| | 127 | | - | ├ | - | - | - | ⊢ | ├ | ╌ |
| | 120 | ⊢ | - | - | <u> </u> | H | - | _ | | Н |
| | 129 | - | _ | ⊢ | <u> </u> | <u> </u> | <u> </u> | — | | \vdash |
| | 130 | | | <u> </u> | | ļ | | _ | | |
| <u></u> | 131 | | | _ | <u></u> | <u> </u> | | Ľ | _ | |
| | 132 133 134 | | | | _ | _ | L | <u>L</u> | <u> </u> | ļ |
| | 133 | 1 | | | | <u> </u> | | l | L | |
| | 134 | | | | | | | | | |
| | 135 | | | | | Г | Ι | | | |
| - | 135 136 | | | П | Π | | Γ | Г | Г | |
| | 137 | | | [| Π | | | | | |
| | 137 138 | | | | Γ | | | | | |
| | 139 | T- | 1 | Τ_ | | | | | 1 | \Box |
| | 140 | | 1 | Г | | | | | | П |
| | 141 | | T | 1 | 1 | | | 1 | | |
| | 142 | | t | 1 | 1 | | | | T | \vdash |
| | 143 | | H | | t | + | | | | - |
| - | 144 | ╁╾ | ├ | +- | - | \vdash | \vdash | \vdash | \vdash | \vdash |
| \vdash | | ┼ | - | +- | +- | +- | +- | - | - | - |
| | 145 | ⊢ | ⊢ | ⊢ | ├- | — | ╁ | ╀ | ╁ | - |
| | 146 | ⊢ | ├- | ├ | ⊢ | ├— | ⊢ | \vdash | \vdash | \vdash |
| <u> </u> | 147 | - | ├ ~ | ├ | ₩ | \vdash | \vdash | 1 | - | \vdash |
| <u> </u> | 148 | | _ | _ | _ | 1 | \vdash | <u> </u> | - | ↓_ |
| | 149 | _ | _ | _ | <u></u> | _ | <u> </u> | <u> </u> | <u> </u> | $oxed{oxed}$ |
| | 150 | <u> </u> | | <u>L</u> | L | <u></u> | | L_ | <u></u> | |
| | | | | | | | | | | |